Meter Read Sheet

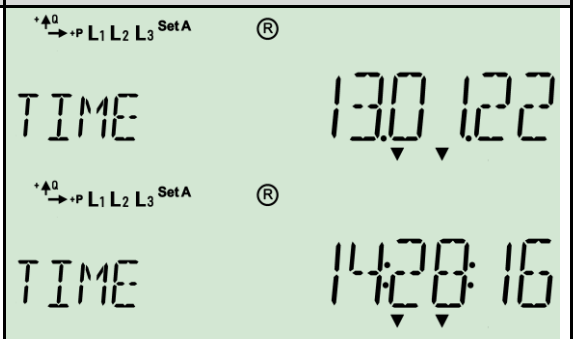
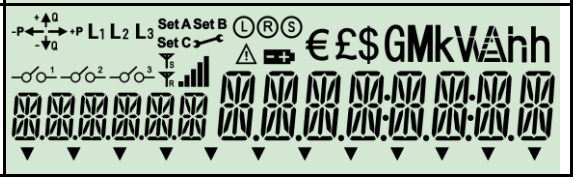
EDMI Mk10D Series 3 (5 MIN)

Description:

- Three phase direct connect electricity meter *(1-3 phases connected based on site requirements)*
- Automatic billing reset on the first day of the month.
- LED1: 1 pulse = 10 watt hour export (to customer)
- LED2: 1 pulse = 10 watt hour import (from customer)

Display Set A

The registers can be scrolled through using the Display Select button. It is found on the front plate to the right side of the meter. By simply pushing the button you will cause the screen display to scroll forward through the registers on display Set A.

LCD Designator	Description	Example
DATE	Standard Current Date Time: This screen alternates between date and time. Date: DD.MM.YY Time: hh:mm:ss	
001	Exported kwh Total: Total energy consumed by the customer.	
040	Imported kwh Total: Total energy generated by the customer.	
TEST	Display Test: This tests all the segments on the display.	

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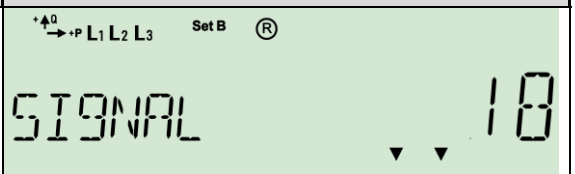
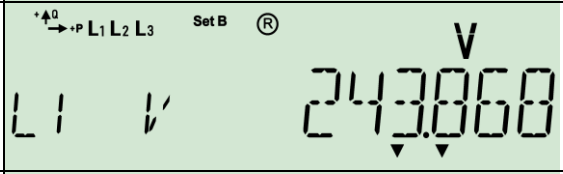
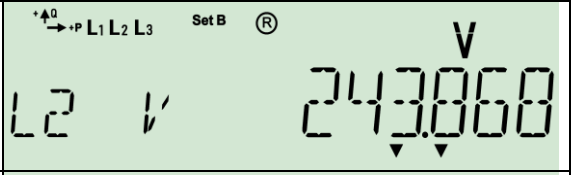
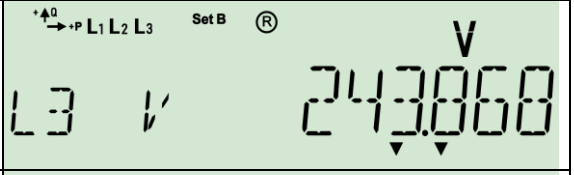
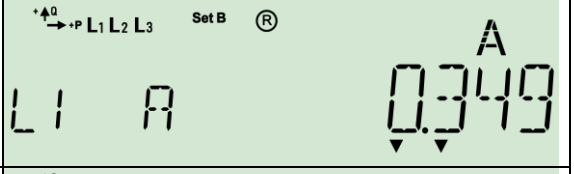
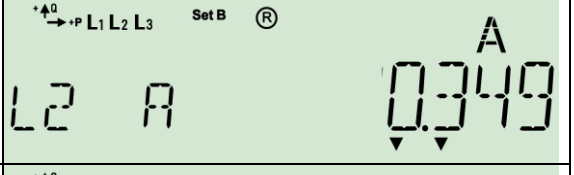
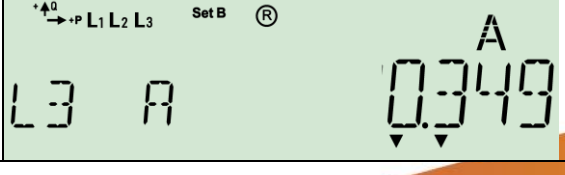
Display Set B

Display Set B can be activated by holding the Display Select button continually for 2 seconds. Each register can then be read using the select button. (Not normally used for billing). Display set B contains meter specific details such as serial numbers, instantaneous voltage, current and power consumption as shown in the table below. (These are given as primary values and may be of use for plant management where energy management systems are not installed.)

LCD Designator	Description	Example
SIGNAL	Signal Strength: Received signal strength at the modem.	
L1 V	Line 1 (Phase A) Voltage Instantaneous	
L2 V	Line 2 (Phase B) Voltage Instantaneous	
L3 V	Line 3 (Phase C) Voltage Instantaneous	
L1 A	Line 1 (Phase A) Current Instantaneous	
L2 A	Line 2 (Phase B) Current Instantaneous	
L3 A	Line 3 (Phase C) Current Instantaneous	

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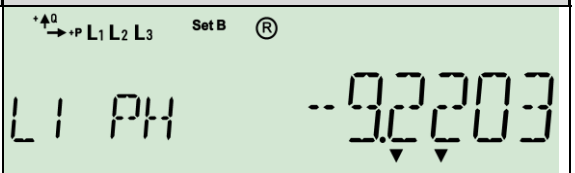
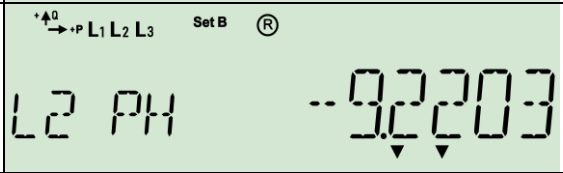
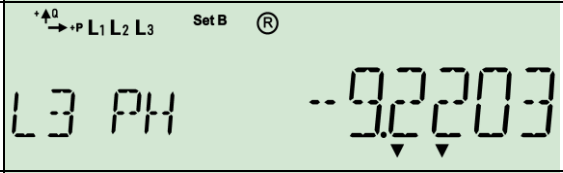
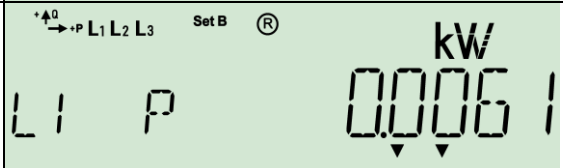
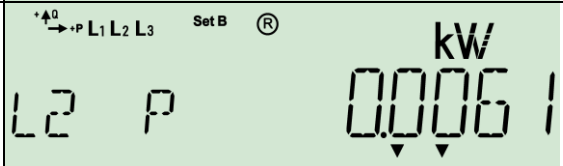
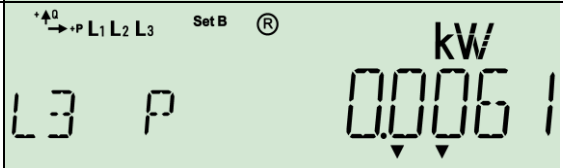
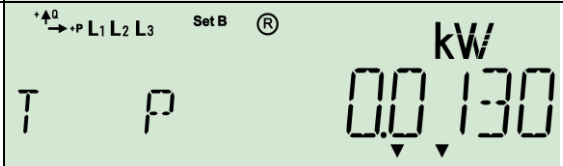
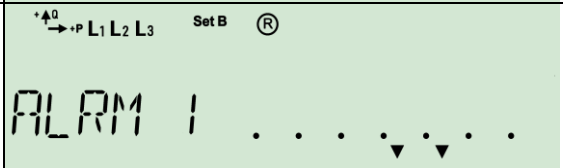
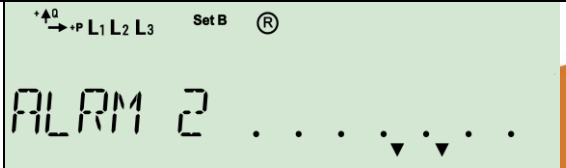
LCD Designator	Description	Example
L1 PH	Line 1 (Phase A) Phase Angle Instantaneous	
L2 PH	Line 2 (Phase B) Phase Angle Instantaneous	
L3 PH	Line 3 (Phase C) Phase Angle Instantaneous	
L1 P	Line 1 (Phase A) Power: The power being consumed or generated (negative) on Phase A.	
L2 P	Line 2 (Phase B) Power: The power being consumed or generated (negative) on Phase B.	
L3 P	Line 3 (Phase C) Power: The power being consumed or generated (negative) on Phase C.	
T P	Total Instantaneous Power: The total power being consumed or generated (negative) across all phases.	
ALRM 1	Latched Errors: This screen shows any errors that the meter has detected.	
ALRM 2	Latched Errors: This is a second screen for any errors that the meter has detected.	

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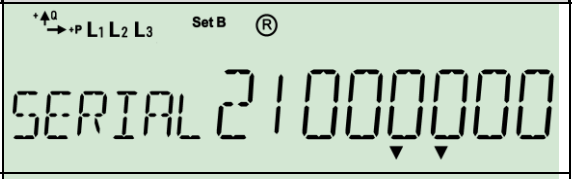
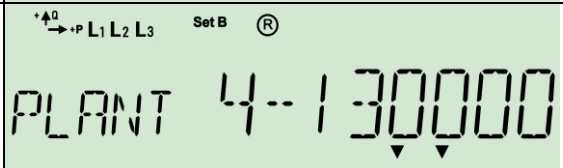
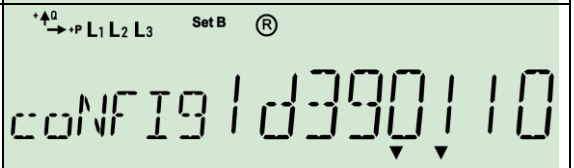
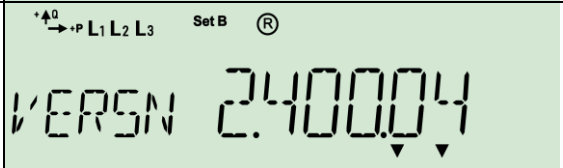
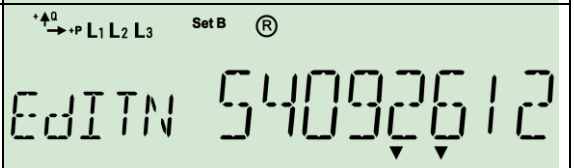
LCD Designator	Description	Example
SERIAL	Serial Number: This is the meters serial number.	
PLANT	Plant Number: The plant number given to the meter.	
CONFIG	Configuration ID: This describes the configuration of the meter.	
VERSN	Firmware Version: The firmware version that the meter is running on.	
EDITN	Firmware Edition: Edition number to enable some features in the meter.	
IPADD	IP Address: The local IP address of the modem.